| Index of | Claims |
|----------|--------|
|          |        |

| Application No. | Applicant(s)   |
|-----------------|----------------|
| 10/067,794      | HESSING ET AL. |
| Examiner        | Art Unit       |
| C. Marks        | 3713           |

| <b>√</b> | Rejected |
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| =        | Allowed  |

| [- | (Through numeral)<br>Cancelled |
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| ÷  | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

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| Cir         |                            | Data     |               |          |          |          |                |              |                           |                 |  |
| Cla         |                            | Date     |               |          |          |          |                |              |                           |                 |  |
| Final       | Original                   | 6/1/04   |               |          |          |          |                |              |                           |                 |  |
|             | 1                          | V        |               |          |          |          |                |              | _                         |                 |  |
|             | 2                          | J        |               |          |          |          |                |              |                           |                 |  |
| i -         | 3                          | Ì        | _             |          | _        |          |                |              |                           |                 |  |
|             | 4                          | V        | _             |          |          |          |                |              |                           |                 |  |
|             | 5                          | V        |               |          |          |          |                |              |                           |                 |  |
|             | 1<br>2<br>3<br>4<br>5<br>6 | V        |               |          |          |          |                |              |                           |                 |  |
|             | 7                          | ✓        |               |          |          |          |                |              |                           |                 |  |
|             | 8                          | <b>V</b> |               |          |          |          |                |              |                           |                 |  |
|             | 9                          | ٧        |               |          |          |          |                |              |                           |                 |  |
|             | 10                         | ✓        |               |          |          |          |                |              |                           |                 |  |
|             | 11                         | √        |               |          |          |          |                |              |                           | Ш               |  |
|             | 11<br>12                   | ✓        | <u> </u>      | L_       |          | <u> </u> |                |              |                           | Ш               |  |
|             | 13                         | ✓        | L             | L        | L_       | L        | L              |              | $oxed{oxed}$              | Ш               |  |
| <u> </u>    | 14                         | ✓        | _             | _        |          | L        |                | L            | <u> </u>                  |                 |  |
| <b></b>     | 13<br>14<br>15<br>16<br>17 |          |               |          | Щ        | L        |                |              | <b>-</b>                  | Щ               |  |
|             | 16                         | √        | _             | _        |          |          |                |              |                           | Ц               |  |
|             | 17                         |          |               |          |          |          |                | '            | _                         | Ш               |  |
|             | 18<br>19                   | _        | _             |          |          | _        |                | _            | _                         | $\square$       |  |
|             | 19                         | -        | _             |          |          |          |                | _            | _                         | Н               |  |
|             | 20                         | 1        |               | _        |          |          |                |              |                           | $\vdash \vdash$ |  |
|             | 21                         |          | _             |          |          |          | _              |              |                           | $\vdash$        |  |
|             | 20<br>21<br>22<br>23       | -        |               |          |          | $\vdash$ |                |              |                           | Н               |  |
|             | 24                         |          | -             | _        |          |          |                |              |                           | $\vdash$        |  |
|             | 24<br>25                   |          | $\vdash$      | _        |          | -        |                |              |                           | Н               |  |
|             | 26                         |          |               |          |          |          |                |              |                           | П               |  |
|             | 26<br>27                   |          | $\overline{}$ |          |          |          |                |              |                           |                 |  |
|             | 28                         |          |               |          |          |          |                |              |                           |                 |  |
|             | 29<br>30                   |          |               |          |          |          |                |              |                           |                 |  |
|             | 30                         |          |               |          |          |          |                | <u> </u>     |                           | Ш               |  |
|             | 31                         |          | <u> </u>      |          |          |          |                |              |                           |                 |  |
|             | 32<br>33                   |          | _             |          |          |          |                |              | <u> </u>                  | _               |  |
| ļ           | 33                         | <u> </u> |               | ļ        |          |          |                |              | <u> </u>                  |                 |  |
|             | 34                         |          | _             |          | <u> </u> | <u> </u> |                | <u> </u>     |                           | $\vdash$        |  |
|             | 35<br>36                   | <u> </u> | -             | _        |          | -        | _              | <del> </del> |                           |                 |  |
|             | 30                         | -        |               | $\vdash$ |          | $\vdash$ |                |              | -                         | $\vdash$        |  |
| <del></del> | 37<br>38                   | ┢        | -             |          | -        | ⊢        |                | ┢            | ┢                         | $\vdash$        |  |
|             | 39                         | ┢┈       | -             | -        |          | $\vdash$ |                | $\vdash$     | -                         | $\vdash \dashv$ |  |
|             | 40                         | ╁─╴      |               |          |          | $\vdash$ |                |              | _                         |                 |  |
|             | 41                         | m        |               |          |          |          |                |              |                           | П               |  |
|             | 42                         | Π        |               |          |          |          |                |              | Γ-                        |                 |  |
|             | 43                         |          |               |          |          |          |                |              |                           |                 |  |
|             | 44                         |          |               |          | 匚        |          |                |              |                           |                 |  |
|             | 45                         |          |               |          | 匚        | L        | L              | L            | $\Box$                    | Ш               |  |
|             | 46                         |          | _             |          |          |          | <u> </u>       | <u> </u>     | L_                        |                 |  |
| <u> </u>    | 47                         | <u>_</u> |               | <u> </u> | <u> </u> | <u> </u> | <u> </u>       | <u> </u>     | $ldsymbol{ldsymbol{eta}}$ | Щ               |  |
| <u> </u>    | 48                         | <u> </u> | _             | ļ        | <u> </u> | <u> </u> | <u> </u>       | _            | _                         | Щ               |  |
|             | 49                         | <u> </u> | <u> </u>      | <u> </u> | <u> </u> | <u> </u> | <del> </del> — | <del> </del> |                           | $\vdash \dashv$ |  |
| I           | 50                         | I        | ı             | t        | ì        | 1        | ł              | ı            | 1                         | ıl              |  |

| Cla      | im        | Date         |          |  |              |  |              |  |  |          |  |
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|          | 51        | _            |          |  |              |  |              |  |  |          |  |
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| ļ        | 62        |              | _        | _  |              |  | _            |  |  |          |  |
| <u> </u> | 63<br>64  |              |          |  |              |  |              |  |  |          |  |
| ļ        | 64        | _            |          |  |              |  |              |  |  |          |  |
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| -        | 67        |              | -        | _  |              |  |              | _  |  |          |  |
|          | 68<br>69  |              | -        |  |              |  |              | _  | _  |          |  |
|          | 70        |              | $\vdash$ |  |              |  | _            | -  | _  |          |  |
|          | 71        |              | H        |  | H            |  |              |  |  |          |  |
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|          | 73        | -            |          |  |              |  |              |  | -  |          |  |
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|          | 75        |              |          | -  | _            |  |              |  |  |          |  |
|          | 76        |              |          | -  |              |  |              |  |  |          |  |
|          | 76_<br>77 | -            | -        |  |              |  |              |  | _  | _        |  |
|          | 78        | -            | -        |  |              |  |              |  | _  | _        |  |
| _        | 79        |              |          |  |              |  |              |  |  |          |  |
|          | 80        |              |          |  |              |  |              |  |  |          |  |
|          | 81        | Г            |          |  |              |  |              |  |  |          |  |
|          | 82        |              |          |  |              |  |              |  |  |          |  |
|          | 83        |              |          |  |              |  |              |  |  |          |  |
| !        | 84        |              |          |  |              |  |              |  |  |          |  |
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|          | 101<br>102   |  |          |              |              |          |  |          |          |                |
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|          | 103  |  |          |              |              |          |  |          |          |                |
|          | 103<br>104<br>105  |  |          |              |              |          |  |          |          |                |
|          | 105  |  |          |              |              |          | _  |          |          |                |
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|          | 107  |  |          |              |              |          | -  |          | Н        | $\dashv$       |
|          | 108  |  |          | -            | -            |          |  |          |          | $\dashv$       |
|          | 110  | $\vdash$   |          |              |              |          |  |          |          | $\dashv$       |
|          | 111  | $\vdash$   | -        | -            |              |          |  |          |          |                |
|          | 112  | <del>                                     </del> | Н        |              |              | -        |  |          |          |                |
|          | 106<br>107<br>108<br>109<br>110<br>111<br>112<br>113   |  | Г        |              | Т            | Т        | _  | _        |          | $\Box$         |
|          | 114  |  |          |              |              | Г        |  | _        |          |                |
|          | 114<br>115<br>116<br>117   |  |          |              |              |          |  |          |          |                |
|          | 116  |  |          |              |              |          |  |          |          |                |
|          | 117  |  |          |              | $oxed{oxed}$ |          |  |          | L        |                |
|          | 118  |  |          | _            |              |          |  |          | _        | $\blacksquare$ |
|          | 119  | L_   |          |              |              |          |  |          | _        |                |
|          | 120  |  |          |              | L.           |          |  | _        |          | $\dashv$       |
|          | 121  | Н  | <u> </u> |              |              |          | _  | <u> </u> |          | $\square$      |
|          | 122  | H  |          |              |              | <u> </u> |  |          |          | $\vdash$       |
|          | 123  | -  | -        | -            | H            | ⊢        |  |          | -        | $\vdash$       |
|          | 124  |  |          | -            |              | $\vdash$ |  |          | <u> </u> | $\dashv$       |
|          | 126  |  | ┢        | $\vdash$     | <u> </u>     | $\vdash$ | $\vdash$   |          | -        | $\dashv$       |
|          | 127  | -  | -        |              |              | ┢        |  |          |          |                |
|          | 118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 |  |          |              |              |          | _  |          |          | _              |
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|          | 132  |  | _        |              |              |          |  |          | _        | Щ              |
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|          | 133<br>134<br>135<br>136<br>137  | <del> </del>                                     | _        | $\vdash$     | <u> </u>     | <u> </u> | ļ  | _        | $\vdash$ | $\sqcup$       |
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|          | 138<br>139   | -  |          |              |              | -        | -  | -        |          | H              |
|          | 140  | -  |          |              |              | _        | <del>                                     </del> | $\vdash$ |          | Н              |
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|          | 144  |  |          |              |              |          |  |          |          |                |
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